Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

YNK-DBR No. 138 Date 26.11.2020 (For Other Works)

AEE, YSTSD
SBR No: 86/20-21
Date: 26/11/2020

...hanka. Sub Division: Yelahanka Satellite Town

...ed No ...Dated ...Cash Book Voucher No ...dated ...

...d Docket No ...

...of Work: Improvements to Cross roads at CQAL LAYOUT in ward no 03. P - 3726

...o Code No: 003-20-000251 **Est. cost: 25.00 lakhs**

Name of Contractor and Full Address : Sri. Kiran Gowda. D (Sri Channakeshawa Enterprises), Bangalore.

Work Order No: **BBMP/EE/YNK.D/EPMT-01/W.O/ 73 /2020-21,** **Dated : 02-07-2020**

Certified that the measurements were taken by me on 29.9.2020 and recorded in pages 493501 to 493502/2 of measurement Book No. 4936/2019-20 and that the work is satisfactorily executed.

Contractor

Officer-in-charge of work 29.9.2020

Certified that the measurements were taken by me on 29/09/2020 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು 29/09/2020
ಯಲಹಂಕ ಉಪನಗರ ವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being.....percent Rs.....
3) Deduct amount to be held in Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No.....
   date .....less adjustments
7) Net amount due to or from contractor
   Unadjusted items
8) Advance to contractor for materials brought to site (as detailed) within value of Governme... materials supplied

Gross Amt =Rs	2137913/-
FSD =Rs	—
CGST = Rs	19089/-
SGST = Rs	19089/-
IT = Rs	21380/-
LC = Rs	21380/-
Cess = Rs	2138/-
Royalty =Rs	26780/-
S.D. = Rs	109856/-
Net Amt=Rs	2028057/-

Contractor's Signature

Received Rs.....(in words)
By Cash and by adjustment of Payment as per memorandum.

Witnesses :

1.

2.

Dated.....Signature of Contractor

(For use in the Office)

Audited & Admitted for Rs. 2137913/- (Escrow A/c)
2028057/- by Cheque
and Rs. 109856/- by adjustment

Accts. Supdt.
Yelahanka Division
BBMP

Exe. Engineer
Yelahanka Division

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

Initials of Officer Making Payment

Executive Engineer

Name of Work: Improvements to Cross roads at CQAL LAYOUT in ward no 03

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate	Amount	Qty	Amount
1	Removing and refixing stone slabs of drains and pointing in CM (1:3)	Sqm	723.36	95.35	68973.00	-	-	723.27	95.35	68964.00	723.27	68964.00
2	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.	Cum	217.12	184.43	40044.00	-	-	216.99	184.43	40020.00	216.99	40020.00
3	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. 7.5 cms thick	Sqm	452.10	635.67	287387.00	-	-	451.94	635.67	287282.00	451.94	287282.00
4	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications.	Cum	119.04	54.78	6522.00	-	-	118.81	54.78	6509.00	118.81	6509.00
5	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications	Cum	89.28	1709.05	152584.00	-	-	89.11	1709.05	152288.00	89.11	152288.00
6	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cum	119.04	1714.50	204095.00	-	-	118.95	1714.50	203944.00	118.95	203944.00
7	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.	Sqm	990.90	24.52	24297.00	-	-	990.70	24.52	24292.00	990.70	24292.00

Sl No	Description of Work	Unit	As per Shedule -B			Previous measurement		Present Measurement			Up to date	
8	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen	Cum	49.55	5652.03	280059.00	-	-	49.31	5652.03	278701.00	49.31	278701.00
9	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per	Sqm	3636.00	10.90	39633.00	-	-	3635.25	10.90	39625.00	3635.25	39625.00
10	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)	Cum	109.08	6642.77	724594.00	-	-	109.06	6642.77	724444.00	109.06	724444.00
11	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	Sqm	137.00	389.58	53373.00	-	-	133.94	389.58	52179.00	133.94	52179.00

Sl No	Description of Work	Unit	As per Shedule -B			measurement		Present Measurement			Up to Date	
12	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer.	Nos	100.00	306.03	30603.00	-	-	100.00	306.03	30603.00	100.00	30603.00
		Total				1912164.00					1908851.00	1908851.00
		GST 12%				229459.68					229062.12	229062.12
		Grand Total				2141615.00					2137913.12	2137913.12

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Contractor

Assistant Engineer

29/09/2020

Assl. Executive Engineer